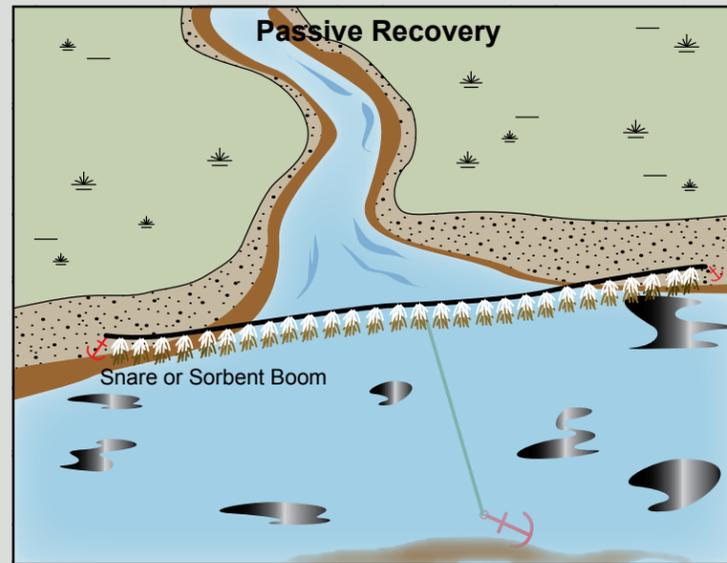


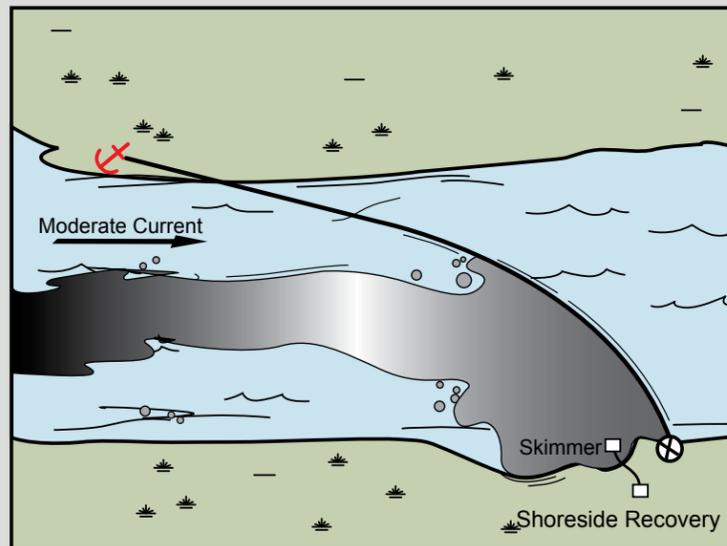
Head of Shishmaref, NWA-S02

Center of map at 66° 7'59" N Lat., 165° 40'7" W Lon.

Geographic Response Strategies for Northwest Arctic Subarea, Southern Zone



An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.

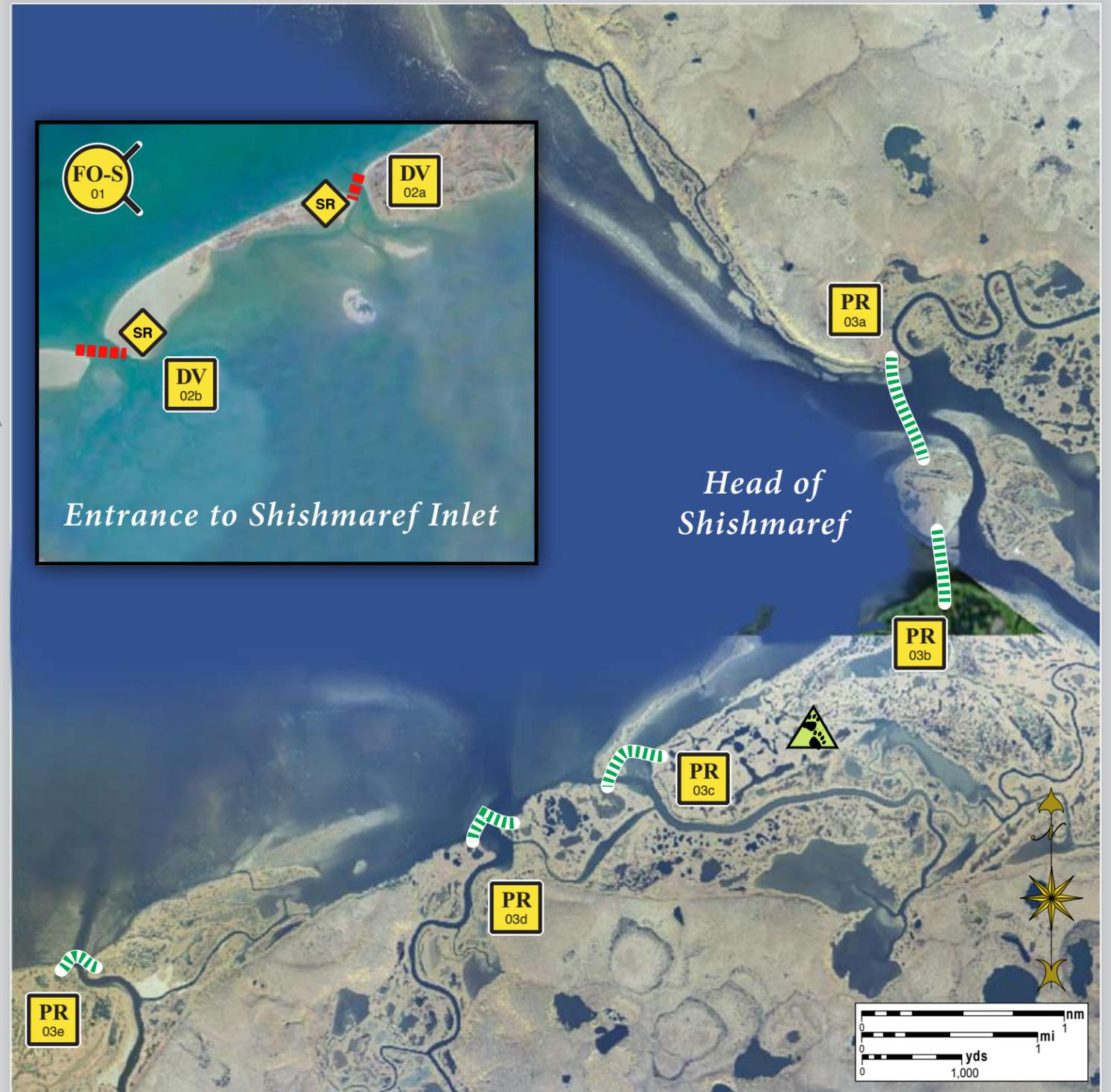


An example of the *Diversion Booming Tactic*. Actual deployment should be adjusted for local conditions.

Map Legend

	Free-oil Recovery		Protected-water Boom
	Passive Recovery		Snare or Sorbent Boom
	Diversion Booming		Bears in Area, Guards Recommended
	Shoreside Recovery		

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
S-02-01 	Head of Shishmaref Inlet Nearshore waters in the general area of: Lat. 67° 48.13 N Lon. 164°39.91 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Shishmaref Inlet depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Shishmaref Inlet. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Shishmaref	Via marine waters Chart 16005	Same as S-02-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
S-02-02 	Entrance to Shishmaref Inlet a. Lat. 66° 15.66 N Lon. 166° 1.46 W b. Lat. 66° 13.42 N Lon. 166°10.29 W	Divert and Collect Divert oil to shore-side collection points determined by spill source and trajectory. Barrier beach may have breached in different locations. Aerial survey recommended prior to deployment. Adjust equipment requirements to reflect additional breaches.	Deploy anchors and boom with skiffs (class 6). Place protected-water boom at proper angle to divert incoming oil to the collection site. Set-up collection site using shore-side collection units or if oil volume is minimal, use sorbent boom or snare line to provide collection of oil. Tend throughout the tide. <u>Boom Lengths:</u> a. 2300 ft. b. 3600 ft.	Deployment Equipment 5900 ft. protected-water boom 29 ea. small anchor systems 8 ea. anchor stakes 2 ea. shore-side collection units Vessels 2 ea. class 6 Personnel/Shift 4 ea. vessel crew 4 ea. response techs Tending Vessels 1 ea. class 6 Personnel/Shift 2 ea. vessel crew 2 ea. response tech	Vessel Platform	Via marine waters Chart 16605	Fish- herring spawning, chum salmon, dolly varden char, white fish, shee fish Birds-waterfowl concentration, seabird concentration Marine mammals- spotted seal, bearded seal, polar bear Habitat- marsh, sheltered rocky shore, gravel beaches,,low lying inundated tundra Human use-Subsistence	Vessel master should have local knowledge. Take appropriate measures as outlined in Part 2 of this document to protect the beach at the collection site. REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist. Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment. Surveyed: not yet Tested: not yet
S-02-03 	Head of Shishmaref Inlet a. Lat. 66° 09.62 N Lon. 165°32.73 W b. Lat. 66° 08.79 N Lon. 165°32.12 W c. Lat. 66° 07.56 N Lon. 165°35.26 W d. Lat. 66° 07.11 N Lon. 165°36.88 W e. Lat. 66° 06.20 N Lon. 165°41.52 W	Exclusion Place passive recovery across the channels of the streams flowing into Shishmaref Inlet if oil is observed past diversion strategies.	Deploy anchors and boom with skiffs (class 6). If oil has entered the Inlet, protect the identified streams with the specified amount of snare line or sorbent boom. Place across the channels of the streams. Replace as necessary to maximize the recovery. <u>Boom Length:</u> a. 2600 ft. b. 1200 ft. c. 1100 ft. d. 1300 ft. e. 1000 ft.	Deployment Equipment 7200 ft. snare line or sorbent boom 39 ea. anchor systems 20 ea. anchor stakes Vessels/Personnel/Shift Same as S-02-02 Tending Vessels/Personnel/Shift Same as S-02-02	Vessel Platform	Via marine waters Chart 16005	Same as S-02-02	Vessel master should have local knowledge. Title 41 permitting required from ADNDR. The lagoons on this coast are interconnected. Consider excluding the channels connecting them if oil enters a lagoon. A population of bears may be present in the area. A bear guard is required during shore operations. Surveyed: not yet Tested: not yet

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm.